1
00:00:08,480 --> 00:00:24,310
seven six

2
00:00:24,320 --> 00:01:03,349
okay

3
00:01:03,359 --> 00:01:22,950
look at me

4
00:01:22,960 --> 00:01:38,830
good to go

5
00:02:00,550 --> 00:01:40,630
foreign

6
00:02:00,560 --> 00:02:12,550
ready

7
00:02:12,560 --> 00:02:56,550
come on

8
00:02:56,560 --> 00:03:51,350
yes

9
00:03:51,360 --> 00:04:07,750
oh

10
00:04:07,760 --> 00:04:19,430
yes

11
00:04:19,440 --> 00:04:26,950
one more

12
00:04:26,960 --> 00:04:43,909
there's a lot of minute

13
00:04:43,919 --> 00:05:12,870

please

14
00:05:12,880 --> 00:05:52,390
thank you

15
00:05:52,400 --> 00:06:06,950
um

16
00:06:10,950 --> 00:06:09,029
the teams in houston are ready the space

17
00:06:12,950 --> 00:06:10,960
station is ready for you

18
00:06:32,309 --> 00:06:12,960
enjoy your expedition and take good care

19
00:06:35,270 --> 00:06:33,749
thanks for coming and sharing the

20
00:06:38,950 --> 00:06:35,280
adventure of being here with the rest of

21
00:06:38,960 --> 00:06:42,870
i know you are praying every day

22
00:06:42,880 --> 00:06:46,950
love you guys have a good

23
00:06:46,960 --> 00:07:22,390
love you point

24
00:07:22,400 --> 00:07:41,589
ah

25
00:07:41,599 --> 00:08:10,230
is

26
00:08:10,240 --> 00:09:03,269
babies

27
00:09:03,279 --> 00:10:36,550
this

28
00:10:36,560 --> 00:10:48,550
so

29
00:10:48,560 --> 00:11:19,910
um

30
00:11:19,920 --> 00:11:51,350
oh

31
00:11:51,360 --> 00:13:54,870
foreign

32
00:14:37,350 --> 00:14:07,430
so

33
00:14:37,360 --> 00:15:19,430
oh

34
00:15:19,440 --> 00:15:28,150
so

35
00:15:28,160 --> 00:16:42,790
as well

36
00:16:42,800 --> 00:16:59,030
um

37
00:17:03,110 --> 00:17:01,749
that is his first time up in space he

38
00:17:04,549 --> 00:17:03,120

had never planned to be in space he's

39
00:17:06,230 --> 00:17:04,559
trying to study medicine but when he

40
00:17:09,429 --> 00:17:06,240
realized all the things that could be

41
00:17:11,189 --> 00:17:09,439
discovered up uh in orbit he said that

42
00:17:12,549 --> 00:17:11,199
it was something he just absolutely had

43
00:17:14,309 --> 00:17:12,559
to do

44
00:17:16,069 --> 00:17:14,319
so now that you have it three men on

45
00:18:01,029 --> 00:17:16,079
their way into kevin you want to know

46
00:18:04,950 --> 00:18:02,950
mike stefferdini international space

47
00:18:06,549 --> 00:18:04,960
station program manager mike on a starry

48
00:18:08,710 --> 00:18:06,559
night a thunderous start for the next

49
00:18:11,990 --> 00:18:08,720
trio of residents for the international

50
00:18:15,110 --> 00:18:12,000
space station your thoughts as the soyuz

51
00:18:16,150 --> 00:18:15,120
rocketed away from baikonur well every

52
00:18:18,230 --> 00:18:16,160
one of these

53
00:18:19,590 --> 00:18:18,240
these flights

54
00:18:21,190 --> 00:18:19,600
cause you to look to what we're about to

55
00:18:23,110 --> 00:18:21,200
go do

56
00:18:24,789 --> 00:18:23,120
now we have this very large space

57
00:18:26,230 --> 00:18:24,799
station so i know the crew the three

58
00:18:27,190 --> 00:18:26,240
crew that are on orbit are extremely

59
00:18:28,870 --> 00:18:27,200
busy

60
00:18:29,750 --> 00:18:28,880
so part of my thoughts with the crew

61
00:18:31,669 --> 00:18:29,760
that's

62
00:18:33,029 --> 00:18:31,679
about to receive three friends that also

63
00:18:35,190 --> 00:18:33,039

offload a lot of the work that they're

64
00:18:36,789 --> 00:18:35,200
gonna do but also this this period of

65
00:18:39,590 --> 00:18:36,799
time as we've mentioned earlier is a

66
00:18:43,590 --> 00:18:39,600
very historic time for the for the iss

67
00:18:45,270 --> 00:18:43,600
program as we we usher in uh the last uh

68
00:18:46,390 --> 00:18:45,280
shuttle flight in the history of that uh

69
00:18:49,590 --> 00:18:46,400
program

70
00:18:51,270 --> 00:18:49,600
uh and uh with some luck perhaps while

71
00:18:53,270 --> 00:18:51,280
this crew is up there will usher in the

72
00:18:55,350 --> 00:18:53,280
first commercial

73
00:18:58,390 --> 00:18:55,360
uh resupply flight so

74
00:19:01,590 --> 00:18:58,400
um as many of the increments are on iss

75
00:19:02,549 --> 00:19:01,600
this one has uh quite a bit of historic

76
00:19:04,789 --> 00:19:02,559
value

77
00:19:06,470 --> 00:19:04,799
and uh and it you think about that as

78
00:19:08,070 --> 00:19:06,480
you watch this beautiful rocket go up

79
00:19:09,510 --> 00:19:08,080
into the sky and take our next three

80
00:19:11,590 --> 00:19:09,520
crude iss

81
00:19:13,830 --> 00:19:11,600
and in that regard almost no time to

82
00:19:15,190 --> 00:19:13,840
breathe for the for this trio uh once

83
00:19:17,190 --> 00:19:15,200
they arrive on board at the end of the

84
00:19:18,710 --> 00:19:17,200
week with progresses and then

85
00:19:20,230 --> 00:19:18,720
preparations for the final shuttle

86
00:19:22,230 --> 00:19:20,240
mission as you mentioned

87
00:19:24,310 --> 00:19:22,240
how busy how challenging is the next

88
00:19:26,150 --> 00:19:24,320

month or two for for this new crew well

89
00:19:27,669 --> 00:19:26,160
you said it right we've uh because of

90
00:19:29,669 --> 00:19:27,679
the way things have slipped over the

91
00:19:31,270 --> 00:19:29,679
last few months things are kind of

92
00:19:33,430 --> 00:19:31,280
stacked up but we've got time for

93
00:19:34,230 --> 00:19:33,440
everything uh but we don't have a lot of

94
00:19:35,029 --> 00:19:34,240
time

95
00:19:38,710 --> 00:19:35,039
to

96
00:19:41,350 --> 00:19:38,720
and give the crew a whole bunch of time

97
00:19:43,510 --> 00:19:41,360
to get acclimated uh right after the

98
00:19:45,669 --> 00:19:43,520
crew gets on board we continue with our

99
00:19:47,110 --> 00:19:45,679
reboost we're going to raise the iss to

100
00:19:48,870 --> 00:19:47,120
the highest altitude it's ever been we

101
00:19:50,150 --> 00:19:48,880
have to do that with the atv that's on

102
00:19:51,909 --> 00:19:50,160
orbit

103
00:19:53,190 --> 00:19:51,919
that has to get completed by about the

104
00:19:55,430 --> 00:19:53,200
17th

105
00:19:57,750 --> 00:19:55,440
in order for me to for us to prep that

106
00:19:59,590 --> 00:19:57,760
vehicle for its departure on the 20th

107
00:20:01,029 --> 00:19:59,600
and immediately after that that then we

108
00:20:02,470 --> 00:20:01,039
will begin getting ready for our shuttle

109
00:20:04,310 --> 00:20:02,480
flight in the middle of that we're

110
00:20:06,149 --> 00:20:04,320
trying to manage all of our work so that

111
00:20:08,149 --> 00:20:06,159
we can get as much research done as

112
00:20:10,710 --> 00:20:08,159
possible because many of the

113
00:20:12,470 --> 00:20:10,720

uh the research

114
00:20:14,310 --> 00:20:12,480
many of the researchers that are doing

115
00:20:16,470 --> 00:20:14,320
research on iss right now have samples

116
00:20:18,070 --> 00:20:16,480
they want to return and and our last

117
00:20:21,510 --> 00:20:18,080
opportunity that to do that before

118
00:20:24,950 --> 00:20:21,520
spacex starts flying is with ulf7 so

119
00:20:27,830 --> 00:20:24,960
we're very very busy uh getting to ulf7

120
00:20:30,549 --> 00:20:27,840
and then after that we begin

121
00:20:32,230 --> 00:20:30,559
what i what i like to refer to as a more

122
00:20:35,190 --> 00:20:32,240
a utilization

123
00:20:37,510 --> 00:20:35,200
uh focused uh operation of iss away from

124
00:20:39,270 --> 00:20:37,520
the assembly life that we've been living

125
00:20:41,909 --> 00:20:39,280
where we set aside the time that

126
00:20:43,830 --> 00:20:41,919
research is uh allocated and the system

127
00:20:45,270 --> 00:20:43,840
guys figure out how to operate the iss

128
00:20:46,390 --> 00:20:45,280
with what's left which is the exact

129
00:20:54,789 --> 00:20:46,400
opposite of where we've been all the way

130
00:20:57,830 --> 00:20:56,149
bill gerstenmaier the associate

131
00:20:59,669 --> 00:20:57,840
administrator for space operations out

132
00:21:01,510 --> 00:20:59,679
of nasa headquarters bill here in

133
00:21:03,430 --> 00:21:01,520
baikonur again

134
00:21:07,590 --> 00:21:03,440
just never gets dull does it watching

135
00:21:09,590 --> 00:21:07,600
one of these soyuz rockets head to orbit

136
00:21:11,750 --> 00:21:09,600
yeah there's not much i can add what a

137
00:21:13,750 --> 00:21:11,760
beautiful launch it was today you could

138
00:21:14,470 --> 00:21:13,760

really see the rocket for a long time

139
00:21:15,990 --> 00:21:14,480
and

140
00:21:17,909 --> 00:21:16,000
just a beautiful sight watching it

141
00:21:19,590 --> 00:21:17,919
launch into the clear clear evening

142
00:21:21,270 --> 00:21:19,600
tonight and it's also kind of unique at

143
00:21:23,029 --> 00:21:21,280
least it seems to me to be actually nice

144
00:21:25,510 --> 00:21:23,039
and warm at the time of launch instead

145
00:21:27,350 --> 00:21:25,520
of being in kind of a chilly conditions

146
00:21:29,110 --> 00:21:27,360
but just a beautiful beautiful launch

147
00:21:30,710 --> 00:21:29,120
and they never get old

148
00:21:33,190 --> 00:21:30,720
we talked about this before but a

149
00:21:35,830 --> 00:21:33,200
pivotal launch as well uh at a momentous

150
00:21:38,070 --> 00:21:35,840
time in transition for nasa and for

151
00:21:40,230 --> 00:21:38,080
space station and i'm just wondering

152
00:21:41,909 --> 00:21:40,240
what your thoughts are as you saw

153
00:21:43,750 --> 00:21:41,919
uh our three uh

154
00:21:45,029 --> 00:21:43,760
astronauts and cosmonauts head for the

155
00:21:46,710 --> 00:21:45,039
space station

156
00:21:48,310 --> 00:21:46,720
yeah it is pretty amazing time you know

157
00:21:50,230 --> 00:21:48,320
as they're you know as our rockets

158
00:21:51,830 --> 00:21:50,240
launching we're at the cape actually

159
00:21:53,190 --> 00:21:51,840
starting to load hypergolic propellants

160
00:21:55,590 --> 00:21:53,200
into the shuttle to get ready for the

161
00:21:56,789 --> 00:21:55,600
july 8th launch so it's amazing we're

162
00:21:58,789 --> 00:21:56,799
down at the cape getting the shuttle

163
00:22:00,789 --> 00:21:58,799

ready to launch on its its final flight

164
00:22:02,870 --> 00:22:00,799
and then i think when this crew gets on

165
00:22:04,470 --> 00:22:02,880
orbit the time between when they get on

166
00:22:06,390 --> 00:22:04,480
orbit to win the shuttle arrives and

167
00:22:07,990 --> 00:22:06,400
docks is not a very long period of time

168
00:22:09,590 --> 00:22:08,000
and we have a lot of work for the crew

169
00:22:11,350 --> 00:22:09,600
on orbit to do once they get onboard

170
00:22:13,270 --> 00:22:11,360
space station lots of activities get

171
00:22:15,029 --> 00:22:13,280
prepared for the shuttle arrival and

172
00:22:17,029 --> 00:22:15,039
it'll be a very busy time for this crew

173
00:22:19,190 --> 00:22:17,039
once they get on orbit so it'll be great

174
00:22:21,270 --> 00:22:19,200
to see the space station size increase

175
00:22:22,870 --> 00:22:21,280
from three to six and we'll kind of pick

176
00:22:24,390 --> 00:22:22,880
up research here for a little bit and

177
00:22:26,149 --> 00:22:24,400
also do quite a bit of preparation for

178
00:22:28,070 --> 00:22:26,159
the final shuttle flight so it's a

179
00:22:29,590 --> 00:22:28,080
pretty dynamic time in space flight with

180
00:22:31,190 --> 00:22:29,600
all these launches going on and

181
00:22:33,350 --> 00:22:31,200
occurring and there's a progress launch

182
00:22:35,270 --> 00:22:33,360
coming up as well in that same period so

183
00:22:36,789 --> 00:22:35,280
what a dynamic time for us especially